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DATE MAILED: 02/17/2004

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
10/076,312	02/19/2002	Takaaki Tanaka	111988 1981			
25944 7	590 02/17/2004		EXAMINER			
OLIFF & BERRIDGE, PLC P.O. BOX 19928			TON, MINH TOAN T			
ALEXANDRIA, VA 22320			ART UNIT	PAPER NUMBER		
			2871			

Please find below and/or attached an Office communication concerning this application or proceeding.

		Applic	ation No.	Applicant(s)				
Office Action Summary		10/076	10/076,312 TANAKA ET AL.					
		Exami	ner	Art Unit	aw			
		Toan		2871				
Period fo	The MAILING DATE of this commu or Reply	nication appears on	the cover sheet with th	ne correspondence ad	dress			
THE I - External after - If the - If NO - Failu - Any r	ORTENED STATUTORY PERIOD I MAILING DATE OF THIS COMMUN sisions of time may be available under the provision SIX (6) MONTHS from the mailing date of this com- period for reply specified above is less than thirty period for reply is specified above, the maximum of re to reply within the set or extended period for rep- eply received by the Office later than three months and patent term adjustment. See 37 CFR 1.704(b).	IICATION. us of 37 CFR 1.136(a). In numunication. (30) days, a reply within the statutory period will apply ar ly will, by statute, cause the	o event, however, may a reply b statutory minimum of thirty (30) d will expire SIX (6) MONTHS application to become ABAND	be timely filed I days will be considered timel from the mailing date of this c ONED (35 U.S.C. § 133).	ly. ommunication.			
	Responsive to communication(s) fi	led on <i>21 October</i> 2	2003					
·	•	2b) ☐ This action is						
<i>,</i> —	Since this application is in condition for allowance except for formal matters, prosecution as to the ments is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.							
Disposit	on of Claims							
•	Claim(s) <u>1-19</u> is/are pending in the 4a) Of the above claim(s) <u>13-18</u> is/s		consideration.					
	5) Claim(s) is/are allowed.							
6) 🗌								
7) 🗌	Claim(s) is/are objected to.	·						
8) 🗌	Claim(s) are subject to restr	iction and/or election	n requirement.					
Applicat	ion Papers							
,	The specification is objected to by t							
10)[10) ☐ The drawing(s) filed on is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.							
	Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).							
	Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).							
11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.								
-	ınder 35 U.S.C. §§ 119 and 120							
a)	Acknowledgment is made of a clair All b) Some * c) None of: 1. Certified copies of the priorit 2. Certified copies of the priorit 3. Copies of the certified copies application from the Internations are the attached detailed Office actions.	y documents have by documents have be so the priority document documents documents documents documents bureau (PCT)	peen received. peen received in Appli uments have been rec Rule 17.2(a)).	cation No eived in this National	Stage			
13)□ / s 3 a	Acknowledgment is made of a claim ince a specific reference was includ 7 CFR 1.78.) The translation of the foreign la	for domestic priorit ed in the first sente anguage provisiona	y under 35 U.S.C. § 1 nce of the specificatio I application has been	19(e) (to a provisiona n or in an Application received.	Data Sheet.			
14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.								
Attachmen	t(s)							
2) Notic	e of References Cited (PTO-892) se of Draftsperson's Patent Drawing Review mation Disclosure Statement(s) (PTO-1449)		· <u> </u>	nary (PTO-413) Paper No nal Patent Application (PT				
		•						

Application/Control Number: 10/076,312

Art Unit: 2871

Ex Parte Quayle

1. This application is in condition for allowance except for the following formal matters: nonelected claims 13-18 with traverse have been canceled..

Prosecution on the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.

A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.

• It is noted that claims 7-12, 19 are generic only to claims 1-6.

Conclusion

2. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Kinugawa ('656) discloses a liquid crystal display device comprising the use of inorganic alignment layers. Iwai ('569) discloses a liquid crystal display device comprising azimuth angle(s) of the liquid crystal molecules. However, neither discloses: the particular twist angles and the helical pitch relationship as claimed in independent claims 1 and 3; the particular azimuth angle directions as claimed in independent claims 7-8.

Art Unit: 2871

Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Toan Ton whose telephone number is (571) 272-2303. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0956.

January 23, 2004

TOANTON TOANINER

Page 3